

Please type a plus sign (+) inside this box → ☐

# COPY

PTO/SB/08A (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>	
	Application Number	Not yet assigned	
	Filing Date	June 28, 2001	
	First Named Inventor	Keeth et al.	
	Group Art Unit	Not yet assigned	
	Examiner Name	Not yet assigned	
	Attorney Docket Number	DB000575-014	
Sheet	1	of	3

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code <sup>2</sup> (if known)			class	sub
AK		6,043,118		Suwanai et al.	03/28/2000	438	253
		5,960,455		Bauman	09/28/1999	711	120
		5,838,627		Tomishima et al.	11/17/1998	365	230.03
		5,677,645		Merritt	10/14/1997	327	536
		5,651,011		Keeth	07/22/1997	714	724
		5,614,859		Ong	03/25/1997	327	333
AK		5,574,697		Manning	11/12/1996	365	226
		5,557,579		Raad et al.	09/17/1996	365	226
		5,552,739		Keeth et al.	09/03/1996	327	538
		5,526,364		Roohparvar	06/11/1996	714	724
		5,519,360		Keeth	05/21/1996	331	57
		5,481,179		Keeth	01/02/1996	423	315
AK		5,379,263		Ogawa et al.	01/03/1995	365	230.04
		5,373,227		Keeth	12/13/1994	323	313
		5,266,821		Chern et al.	11/30/1993	257	312
		5,231,605		Lee	07/27/1993	365	201
		5,212,440		Waller	05/18/1993	323	313
		5,159,273		Wright et al.	10/27/1992	324	537
AK		5,155,704		Walther et al.	10/13/1992	365	201
		4,970,725		McEnroe et al.	11/13/1990	714	25

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature	M. TRAN	Date Considered	7/28/04
-----------------------	---------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# COPY

Please type a plus sign (+) inside this box →

COPY  
JUL 14 2004  
OFFICE OF THE  
COMMISSIONER OF  
PATENTS AND  
TRADEMARKS

PTO/SB/08B (08-00)

Approved for use through 10/31/2002, OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	Not yet assigned
			Filing Date	June 28, 2001
			First Named Inventor	Keeth et al.
			Group Art Unit	Not yet assigned
			Examiner Name	Not yet assigned
			Attorney Docket Number	DB000575-014
Sheet	2	of	3	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AT		SUGIBAYASHI ET AL., "A 30-ns 256-Mb DRAM with a Multidivided Array Structure", IEEE Journal of Solid-State Circuits, Vol. 28 (No. 11), (November 1993)	
		TAGUCHI ET AL., "A 40-ns 64-Mb DRAM with 64-b Parallel Data Bus Architecture", IEEE Journal of Solid-State Circuits, Vol. 26 (No. 11), (November 1991)	
		KITSUKAWA ET AL., "256-Mb DRAM Circuit Technologies for File Applications", IEEE Journal of Solid-State Circuits, Vol. 28 (No. 11), (November 1993)	
		JEDEC SOLID STATE PRODUCTS ENGINEERING COUNCIL, "Committee Letter Ballot", JC-42.3-95-73, Item #633.13, Arlington, VA (April 1995)	
AS		YOO ET AL., "SP 23.6: A 32-Bank 1Gb DRAM with 1 GB/s Bandwidth", ISSCC96/Session 23/DRAM/PAPER SP 23.6	
		NITTA ET AL., "SP 23.5: A 1.6GB/s Data-Rate 1Gb Synchronous DRAM with Hierarchical Square-Shaped Memory Block and Distributed Bank Architecture", ISSCC96/Session 23/DRAM PAPER SP 23.5	
		U.S. Patent Application S.N. 08/521,563, entitled IMPROVED VOLTAGE REGULATOR CIRCUIT, filed 8/30/95	
		U.S. Patent Application S.N. 08/668,347, entitled DIFFERENTIAL VOLTAGE REGULATOR, filed 6/26/96	
MT		U.S. Patent Application S.N. 08/460,234, entitled SINGLE DEPOSITION LAYER METAL DYNAMIC RANDOM ACCESS MEMORY, filed 8/17/95	
		U.S. Patent Application S.N. 08/420,943, entitled DYNAMIC RANDOM-ACCESS MEMORY, filed 6/4/95	
AT		U.S. Patent Application S.N. 08/194,184, entitled INTEGRATED CIRCUIT POWER SUPPLY HAVING PIECEWISE LINEARITY, filed 2/8/94	

Examiner Signature	M. TRAN	Date Considered	7/28/04
--------------------	---------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**